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ABSTRACT

This book is designed to show prospective teachers how to design and implement an activity-oriented science program for the elementary grades. Science content and methods are presented through activities to be done by readers allowing them to master the design of a teaching unit by constructing or adapting a unit. Discussions include scientific attitudes, content, the nature of learners, history of science education in the United States, classroom management and safety, educational technology, and resources. Appendicies include: (1) "Science Education Supplies"; (2) "Chemicals Used in Elementary Science Lessons"; (3) "Sources of Materials"; (4) "Code of Practice on Animals in Schools"; (5) "Care of Animals in the Classroom"; (6) "Questions for Investigation"; (7) "Refresher Course on Measurement"; (8) "Environmental/Ecological Education"; and (9) "Resources for Teachers"; and (10) a bibliography. (CW)

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